

# Converting Colors

Hex(A64B93)

Have a look what the booklet for  
Hex(A64B93) contains.

|  |    |
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# Color

**Hex(A64B93)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A64B93                     |
| RGB           | 166, 75, 147               |
| RGB Percent   | 65%, 29%, 58%              |
| CMY           | 0.3490, 0.7059, 0.4235     |
| CMYK          | 0.00, 0.55, 0.11, 0.35     |
| HSL           | 313°, 38%, 47%             |
| HSV           | 313°, 55%, 65%             |
| XYZ           | 23.5084, 15.2457, 29.3075  |
| YIQ           | 110.4170, 31.1240, 41.6840 |

# Conversions

## Conversions Part 2

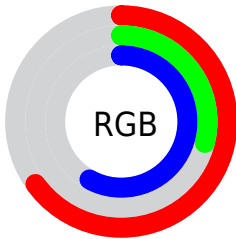
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 166, 75, 147                  |
| Decimal                             | 10898323                      |
| CIE <sub>Lab</sub>                  | 45.97, 46.75, -22.29          |
| CIE <sub>LCh</sub>                  | 46, 51.791, 334.509           |
| Yxy                                 | 15.2457, 0.3454,<br>0.2240    |
| Android<br>(android.graphics.Color) | 4289088403<br>(0xFFA64B93)    |
| YUV                                 | 110.4170, 18.0354,<br>48.7463 |
| Hunter-Lab                          | 39.0458, 39.1400,<br>-17.1706 |

# Details

The Hex color **A64B93** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4BA65E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **DF80C9**, and **6F1360** is the 20% darker color. If you saturate the color by 10%, you get **A63A90**, and if you desaturate by 10%, it is **A65C96**.

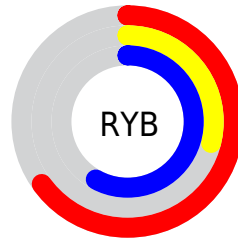
# Distribution



Red (65%)

Green (29%)

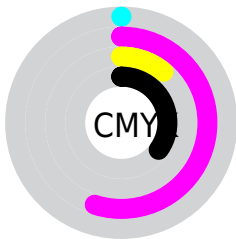
Blue (58%)



Red (65%)

Yellow (29%)

Blue (58%)

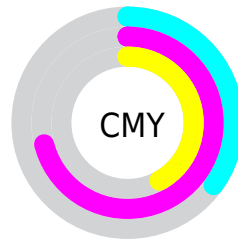


Cyan (0%)

Magenta (55%)

Yellow (11%)

Black (35%)



Cyan (35%)

Magenta (71%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64B93 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A64B93 by changing the saturation by 10% instead.



 A64B93

 A64B93

FFFFFF

 8A3179

 DF80C9

 6F1360

 FC9BE5

 550048

 FFB7FF

 3C0031

 FFD3FF

 24001C

 FFF0FF

 000000

 A64B93

 A64B93

 A63A90

 A65C96

 A62A8C

 A66C9A

 A61989

 A67D9D

 A60985

 A68DA1

 A60083

 A69EA4

 A6AFA8

 A6BFAB

 A6D0AF

 A6E0B2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



765EB5



A64B93



BA4168

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A64B93



7C6D03



00809D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A64B93



4BA65E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008172



A64B93



4F781D

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A64B93



9F5D1A



007F46



007BBB

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A64B93



B9464C



007F46



008190



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A64B93



D9B6D2



5D4BA6



6E5969



EDEDED



6E6E6E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A64B93



D94ABB



A64B66



544C52



940075



140010



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A64B93



D94ABB



4BA68B



544C52



940075



140010



# Previews

## White Background



This preview shows how the Hex color A64B93 looks on a white background.

## Color Contrast Check

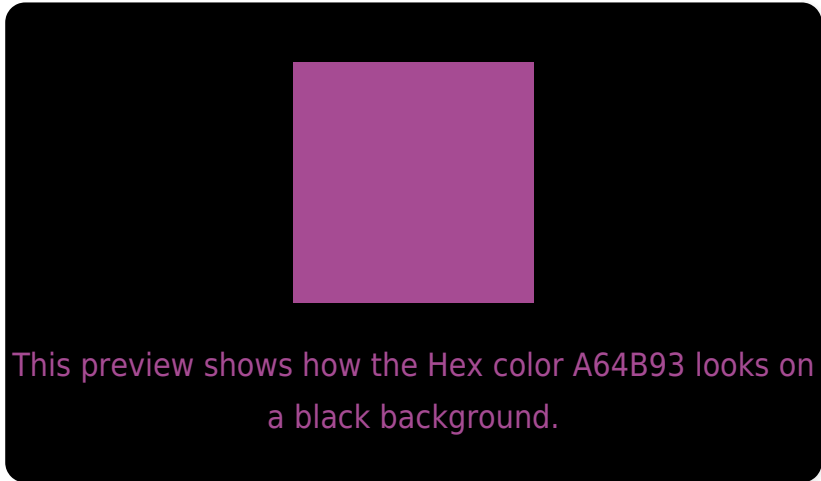
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A64B93 Background



This preview shows how black text looks on a background with the Hex color A64B93.

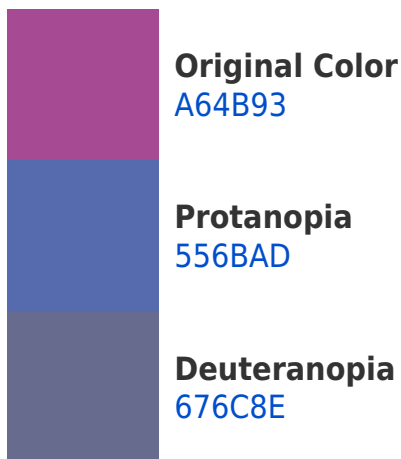


This preview shows how white text looks on a background with the Hex color A64B93.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
A0585E

# Trichromacy



**Original Color**  
A64B93



**Protanomaly**  
725FA4



**Deuteranomaly**  
7E6090



**Tritanomaly**  
A25371

# Monochromacy



**Original Color**  
A64B93



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
82617B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64B93 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A64B93 looks like.

```
.text, #text, p{  
    color:#A64B93  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A64B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64B93
}
```

## Border

The CSS property to change the border of an element to Hex A64B93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A64B93 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A64B93 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #A64B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64B93; -webkit-box-shadow:4px 4px  
4px 4px #A64B93; box-shadow:4px 4px 4px  
4px #A64B93 }
```

# Background

The CSS property to change the background color of an element to Hex A64B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64B93 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A64B93 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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